

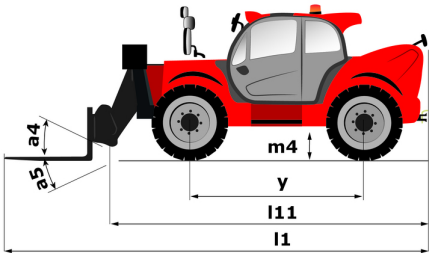
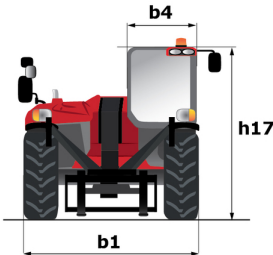
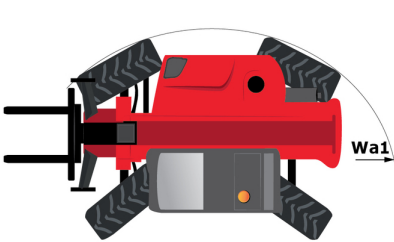
Technical sheet :

MT 1840 E



Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Maximum outreach		13.10 m
Weight and dimensions		
Overall length to carriage	l11	6.21 m
Overall width	b1	2.36 m
Overall height	h17	2.49 m
Wheelbase	y	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.95 m
Tilt-up angle	a4	16 °
Tilt-down angle	a5	110 °
External turning radius (over tyres)	Wa1	4.01 m
Overall weight		11870 kg
Tires type		Inflatable
Standard tires		ALLIANCE - A325 - 400 / 80-24 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Frame leveling corrector	a9	9 °
Performances		
Lifting		19.80 s
Lowering		13.40 s
Extension		22 s
Retraction		18.30 s
Crowd		6.20 s
Dump		6.70 s
Engine/Battery		
Battery technology		Lithium-ion
Battery capacity		683 Ah
Battery nominal voltage		90 V
Battery energy		63.20 kWh
Charger Power / Phase / Current type		9 kW / Single-phase or three-phase / AC
Electric circuit		
Battery voltage / capacity		90 V / 683 Ah
12V Battery capacity		110 Ah
Transmission		
Transmission type		Electrical
Number of gears (forward / reverse)		2 / 2
Max. travel speed		24.90 km/h
Parking brake		Automatic parking brake
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Variable displacement pump
Capacity of hydraulic pump		63 cm³
Hydraulic flow / Pressure		160 l/min-240 bar
Tank capacities		
Hydraulic tank capacity		135 l
Noise and vibration		
Noise at driving position (LpA)		60 dB
Noise to environment (LwA)		98 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

MT 1840 e - Dimensional drawing



Equipment

Standard
Battery cut-off
LED front road lights (x2)
On-board charger 9kW
PVC mechanical suspension seat

Optional
Additional handle in the cab right hand side
Adjustable and telescopic steering column
Air suspension cloth-covered seat
Attachment hydraulic line
Bluetooth USB radio - With extra microphone - 100W
Bluetooth USB radio - With integrated microphone - 100W
Boom suspension - "Active CRC"
Continuous flow hydraulics
Displaced access to wheel reduction gear pivot
Emergency stop button in platform and on frame
Floor mat
Inner rear view mirror
LED front work lights on cab (x2)
LED rear work lights on cab (x2)
Lateral wiper
Manual air conditioning
Mechanical cloth seat (KAB)
Pedestrian detection camera
Rear camera with cab display screen
Tuner car radio - 50W
Work lights on boom head (x2)



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes